AMSAT News Service Weekly Bulletins
Issue: ANS-246
Date: 2017-09-03
Sources: amsat-ans-2017-ans-246-weekly-hyperkitty-8505fd84ab.txt

---

AMSAT NEWS SERVICE
ANS-246

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

In this edition:

* New Book About the History of the Australis OSCAR 5 satellite
* WVU Lane Dept. of Computer Science & EE ARISS Contact
* AMSAT 2017 Symposium Call for Papers
* AMSAT Office Reopens September 6
* AMSAT-NA BoD Ballots Due At AMSAT Office By September 15, 2017
* ARISS News
* Satellite Shorts From All Over

SB SAT @ AMSAT $ANS-246.01
ANS-246 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 246.01
>From AMSAT HQ KENSINGTON, MD.
September 3, 2017
To All RADIO AMATEURS
BID: $ANS-246.01

New Book About the History of the Australis OSCAR 5 satellite

The University of Melbourne has invited the WIA to an invitation only book launch on September 20 of a new book on the Australis OSCAR 5 satellite.

The story of how Melbourne University Students built Australia's first satellite has been written and the publication is about to be launched.

This is on the eve of students at the same university building a nano-satellite ready for space next year. The Wireless Institute of Australia is assisting the project with IARU frequency and other coordination.

A member of the university engineering faculty class of 1968 and leading the student team that built Australis was Dr Owen Mace, who has written a definitive book. The satellite went into orbit in January 1970 operating successfully for nearly two months before its batteries ran out of power.

[ANS thanks VK1WIA News for the above information]

WVU Lane Dept. of Computer Science & EE ARISS Contact

Upcoming ARISS contact with W. Virginia University, Lane Dept.of Computer Science & EE, Morgantown, WV should be audible across Eastern US.

An International Space Station school contact has been planned with participants at West Virginia University, Lane Dept.of Computer Science & Electrical Engineering, Morgantown, WV on 04 Sept. The event is scheduled to begin at approximately 15:50 UTC. The duration of the contact is approximately 9 minutes and 30 seconds. The contact will be direct between NA1SS and W8CUL. The contact should be audible over the state of West Virginia, USA and adjacent areas. Interested parties are invited to listen in on the 145.80 MHz downlink. The contact is expected to be conducted in English.

The Amateur Radio Club at WVU has existed since 1912, making it one of the oldest student organization at WVU. They provide students a testbed to conduct various experiments such as satellite and digital communications, radio astronomy and drone development. They are housed within the Lane Department of Computer Science and Electrical Engineering, which provides educational programs at the bachelor's, master's, and doctoral levels in computer science, electrical engineering, computer engineering, and biometric systems. WVU is a land grant university and is the largest educational institution in the state. Located in Morgantown, WV, with branch campuses spread throughout the state, WVU is extremely involved in all state affairs. As of 2015, slightly under 30,000 students were enrolled in graduate and undergraduate programs, a population comprised nearly equally (49%/51%) of in-state and out-of-state students, respectively. Present at our contact will be students from elementary and middle schools from throughout the surrounding area.

Participants will ask as many of the following questions as time allows:

1. How do you do laundry in space?
2. What is the most challenging part of getting to the ISS?
3. Would you ever go on a mission to Mars?
4. Did you get to see the eclipse from space?
5. What feeling on Earth closely relates to what it feels like to be in space?
6. Has the ISS ever been struck by space debris before?
7. What would happen if someone got sick on the ISS?
8. How long did you have to train to enter zero gravity?
9. How do you stay warm on the ISS?
10. What do you do in your free time?
11. Is using liquids in science experiments on the ISS hard?
12. What was your first day on the ISS like?
13. How bright is the sun in space?
14. In your job, what is the most dangerous thing you have to be prepared for, and has that thing ever actually happened?
15. Can you sleep at night because there is no sunrise or sunset?
16. Which do you like better, space or earth?
17. What is the first meal you'll eat when you get back to earth?
18. Are there any space-specific games that you play on the ISS, like football or video games?

19. Is there space pizza?
20. Do you have a nickname for your rocket?

PLEASE CHECK THE FOLLOWING FOR MORE INFORMATION ON ARISS UPDATES:

Visit ARISS on Facebook. We can be found at Amateur Radio on the International Space Station (ARISS).

To receive our Twitter updates, follow @ARISS_status

[ANS thanks ARISS for the above information]

AMSAT 2017 Symposium Call for Papers

This call for papers is for the 2017 AMSAT Annual Meeting and Space Symposium to be held on the weekend of October 27, 28, 29, 2017 at the Silver Legacy Resort, Reno, Nevada.

Proposals for papers, symposium presentations and poster presentations are invited on any topic of interest to the amateur satellite community.

We request a tentative title of your presentation as soon as possible, with final copy to be submitted by October 6 for inclusion in the printed proceedings. Abstracts and papers should be sent to Dan Schultz N8FGV at n8fgv at amsat.org

[ANS thanks Dan, N8FGV, for the above information]

AMSAT Office Reopens September 6

The AMSAT Office has been closed since August 25. It will reopen on Wednesday, September 6th.

[ANS thanks Martha for the above information]

AMSAT-NA BoD Ballots Due At AMSAT Office By September 15, 2017

The time is fast approaching please submit ballots today! They must be RECEIVED at the AMSAT office by September 15, 2017!

Ballots for AMSAT-NA's Board of Directors were mailed to members in good standing on July 15. Members are encouraged to complete their ballots and return them as soon as possible. Ballots must be received at the AMSAT office by September 15 in order to be counted.

This year AMSAT-NA will be electing four voting members of the Board of Directors. These will go to the four candidates receiving the highest number of votes. In addition, there will be one alternate chosen, based on the next highest number of votes received.

The 2017 candidates, in alphabetical order by last name are:

Jerry Buxton, N0JY
Clayton Coleman, W5PFG
Drew Glasbrenner, KO4MA
Peter Portanova, W2JV
Paul Stoetzer, N8HM

Election of Board members is both an obligation as well as an opportunity by our membership to help shape the future direction of AMSAT. Please take the time to review the candidate statements that will accompany the ballot and determine who you wish to see on the Board. You have the option to vote for up to four candidates.

[ANS thanks AMSAT Office for the above information]

ARISS News

+ A Successful contact was made between Takaishi City Central Public Hall, Takaishi City, Japan and Astronaut Jack Fischer K2FSH using Callsign NA1SS. The contact began 2017-08-14 10:37 UTC and lasted about nine and a half minutes. Contact was Direct via 8N3TA. ARISS Mentor was Satoshi 7M3TJZ.

+ A Successful contact was made between Student Space Technology Association, Knoxville, TN, USA and Astronaut Paolo Nespoli IZØJPA using Callsign NA1SS. The contact began 2017-08-31 17:42 UTC and lasted about nine and a half minutes. Contact was Direct via AA4UT. ARISS Mentor was Dave AA4KN.

Upcoming ARISS Contact Schedule as of 2017-09-01 02:00 UTC

Quick list of scheduled contacts and events:

West Virginia University, Lane Dept. of Computer Science & Electrical Engineering, Morgantown, WV, direct via W8CUL
The ISS callsign is presently scheduled to be NA1SS
The scheduled astronaut is Paolo Nespoli IZØJPA
Contact is a go for: Mon 2017-09-04 15:50:05 UTC

Meadows Elementary School, Manhattan Beach, CA, direct via KM6BWB The ISS callsign is presently scheduled to be NA1SS
The scheduled astronaut is Paolo Nespoli IZØJPA
Contact is a go for: Fri 2017-09-08 17:05:30 UTC

[ANS thanks ARISS, Charlie AJ9N and David AA4KN for the above information]

Satellite Shorts From All Over

+ AMSAT Journal is in the mail Look for your copy.
AMSAT Journal is mailed to members in good standing. Join Today!

Membership includes the AMSAT® Journal and discounts on purchases made through the AMSAT store. You can see representative articles available only to our members in the Sample Download Section.

Membership also supports many AMSAT activities including:

OSCAR satellite operations!
Amateur Radio on the ISS!
Hamfest forums!
Technical achievement awards!
Educational support!
Beginner materials!
Future satellites!

Membership to AMSAT can be purchased in our online store membership section:
https://www.amsat.org/product-category/amsat-membership/

{ANS thanks AMSAT Office for the above information]

+ AMSAT Symposium

AMSAT NA announces that the 2017 AMSAT Space Symposium will be held on Friday through Sunday, Oct 27, 28, 29, 2017 in Reno, Nevada.

Location will be at the Silver Legacy Resort, 407 N Virginia Street, in Downtown, Reno.

The 2017 AMSAT Space Symposium and Annual Meeting features:
* Space Symposium with Amateur Satellite Presentations
* Operating Techniques, News, & Plans from the Amateur Satellite World
* Board of Directors Meeting open to AMSAT members
* Opportunities to Meet Board Members and Officers
* AMSAT-NA Annual General Membership Meeting
* Auction, Annual Banquet, Keynote Speaker and Door Prizes !!

Our Keynote Speaker this year is Mr. Garrett Skrobot, Sr. Mission Manager of the Educational Launch of Nanosatellites program, or ELaNa, at NASA Headquarters

Additional information about the 2017 AMSAT Symposium will be posted on the AMSAT web site, www.amsat.org

The Silver Legacy is a 4-star Resort/Hotel/Casino which is an iconic 42-story hotel with its massive round dome and spires centered in downtown. Some of the perks include
* Free parking for attendees. * Free transportation to/from the airport (10-minute shuttle ride).
* Complimentary WiFi. * Multiple alternate activities and attractions are in the Reno area.

-Nevada Museum Of Modern Art -Fleischmann Planetarium (UNR Campus)
-National Bowling Stadium -National Automobile Museum
* We are working on tours of Virginia City and Lake Tahoe.

Room Reservations may be made at the web-link
https://www.amsat.org/symposium-hotel/

[ANS thanks Symposium committee for the above information]

+ Radio Amateur Satellite Corporation, Contact Information

AMSAT-NA
10605 Concord St, #304
Kensington, MD 20895-2526 USA
Toll-Free: +1 (888) 322-6728

Phone: +1 (301) 822-4376
Fax: +1 (301) 822-4371
info(a)amsat.org

/EX

In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact Martha at the AMSAT Office for additional student membership information.

73,
This week's ANS Editor,
EMike McCardel, AA8EM
aa8em at amsat dot org